

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT
NEWS 33	Nov 25	More calculated properties added to REGISTRY
NEWS 34	Dec 02	TIBKAT will be removed from STN
NEWS 35	Dec 04	CSA files on STN

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:38:07 ON 09 DEC 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:38:27 ON 09 DEC 2002

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STRUCTURE FILE UPDATES: 8 DEC 2002 HIGHEST RN 475460-75-4

DICTIONARY FILE UPDATES: 8 DEC 2002 HIGHEST RN 475460-75-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

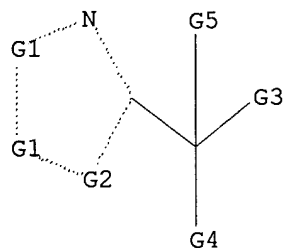
Uploading 09862808.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N

G2 S,N

G3 C,H,Cb

G4 C,H,Cy

G5 O,N,Hy

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:41:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 51252 TO ITERATE

2.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 88183

L2 50 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:41:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 40.0% PROCESSED 400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.25

44062 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 111797

L3 44062 SEA SSS FUL L1

=>

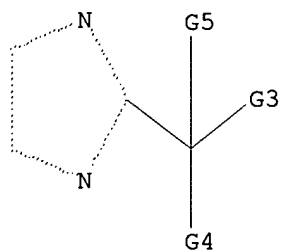
Uploading 09862808.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



G1

G2

G3 C, H, Cb

G4 C, H, Cy

G5 O, N, Hy

Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 13:43:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 15469 TO ITERATE

6.5% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 301944 TO 316816
PROJECTED ANSWERS: 32751 TO 37787

L5 50 SEA SSS SAM L4

=> s 14 full

FULL SEARCH INITIATED 13:43:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 308769 TO ITERATE

100.0% PROCESSED 308769 ITERATIONS
SEARCH TIME: 00.00.09

32783 ANSWERS

L6 32783 SEA SSS FUL L4

=>

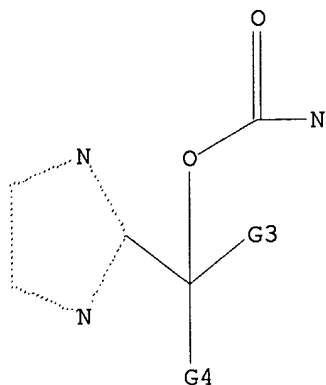
Uploading 09862808.str

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR



G1
G2
G3 C,H,Cb
G4 C,H,Cy

Structure attributes must be viewed using STN Express query preparation.

=> s 17

SAMPLE SEARCH INITIATED 13:46:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16 TO ITERATE

100.0% PROCESSED 16 ITERATIONS 15 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 80 TO 560
PROJECTED ANSWERS: 68 TO 532

L8 15 SEA SSS SAM L7

=> s 17 full

FULL SEARCH INITIATED 13:46:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 350 TO ITERATE

100.0% PROCESSED 350 ITERATIONS 304 ANSWERS
SEARCH TIME: 00.00.01

L9 304 SEA SSS FUL L7

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
424.64	424.85

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 13:46:27 ON 09 DEC 2002
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FILE COVERS 1907 - 9 Dec 2002 VOL 137 ISS 24
FILE LAST UPDATED: 8 Dec 2002 (20021208/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l9
L10 233 L9

=> /RL field
IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> help roles

CAS roles are CAS indexing terms consisting of codes that describe the new or novel information reported about a substance or a class of compounds. Specific roles have 3-letter codes. Super roles have 4-letter codes. Super roles are automatically generated from the specific roles, and are upposted for searching. Roles are available for all indexed documents from 1967 to the present.

To search a role for a specific substance, append the CAS Registry Number or a Registry File L-number answer set with a slash and the code for the role, e.g., 67-68-5/THU. To search more than one role, separate a list of roles by commas and no spaces, e.g., 67-68-5/THU,ADV. Only one role may be appended to an L-number answer set. Use the OR operator to apply multiple roles to an L-number, e.g., S L1/THU OR L1/ADV.

To search roles assigned to index headings for classes of compounds, follow the heading with a slash and the role or roles separated by commas, e.g., PHENOLS/POL,REM.

Roles are displayed in the RL (Role) field within the IT (Index Term) field. Roles are included in any display format that contains the IT or RL field. Enter SET ROLES OFF at an arrow prompt (=>) to suppress display of codes and text for roles. Enter SET ROLES CODES to display only codes. Enter SET ROLES TEXT to return to default display (codes and names). Enter HELP SET ROLES at an arrow prompt for more information.

Enter HELP THESAURUS and HELP RCODE at an arrow prompt in this file for information on using the role thesaurus to find role definitions and narrower and broader terms.

The following list contains CAS roles. Under each super role are listed the specific roles that generate the super`role.

Note that effective December 17, 2001, CAS roles were modified. The changes are summarized below and are also noted in footnotes to the list of CAS roles.

Overview of CAS role changes (effective December 17, 2001)

1. The following 4 Biological Study Roles were eliminated and replaced with more specific, newly added Biological Study roles or BSU (Biological Study, Unclassified):

BAC	Biological Activity or Effector, except Adverse
BOC	Biological Occurrence
BPR	Biological Process
MFM	Metabolic Formation

2. The following new roles were added:

COS	Cosmetic Use
DGN	Diagnostic Use
DMA	Drug Mechanism of Action
NPO	Natural Product Occurrence
PAC	Pharmacological Activity
PKT	Pharmacokinetics
BCP	Biochemical Process

RGT	Reagent
-----	---------

CPN	Combinatorial Preparation
CRT	Combinatorial Reactant
CRG	Combinatorial Reagent
CST	Combinatorial Study
CUS	Combinatorial Use

CPR	Chemical Process
EPR	Engineering Process
PYP	Physical Process

3. The following new super roles were added:

RACT	Reactant or Reagent
CMBI	Combinatorial Study

4. The name for NUU role was changed from Nonbiological Use, Unclassified to Other Use, Unclassified.

List of CAS Roles

ANST Analytical Study

ANT	Analyte
AMX	Analytical Matrix
ARG	Analytical Reagent Use
ARU	Analytical Role, Unclassified

BIOL Biological Study

ADV Adverse Effect, Including Toxicity

AGR Agricultural Use

BAC Biological Activity or Effector, Except Adverse (1)

BCP Biochemical Process (2)

BMF Bioindustrial Manufacture

BOC Biological Occurrence

BPN Biosynthetic Preparation

BPR Biological Process (1)

BSU Biological Study, Unclassified

BUU Biological Use, Unclassified

COS Cosmetic Use (2)

DGN Diagnostic Use (2)

DMA Drug Mechanism of Action (2)

FFD Food or Feed Use

MFM Metabolic Formation

NPO Natural Product Occurrence (2)

PAC Pharmacological Activity (2)

PKT Pharmacokinetics (2)

THU Therapeutic Use

CMBI Combinatorial Study (2)

CPN Combinatorial Preparation (2)

CRT Combinatorial Reactant (2)

CRG Combinatorial Reagent (2)

CST Combinatorial Study (2)

CUS Combinatorial Use (2)

FORM Formation, Nonpreparative

FMU Formation, Unclassified

GFM Geological or Astronomical Formation

MFM Metabolic Formation (1)

OCCU Occurrence

BOC Biological Occurrence (1)

GOC Geological or Astronomical Occurrence

NPO Natural Product Occurrence (2)

OCU Occurrence, Unclassified

POL Pollutant

PREP Preparation

BMF Bioindustrial Manufacture

BPN Biosynthetic Preparation

BYP Byproduct

CPN Combinatorial Preparation (2)

IMF Industrial Manufacture

PNU Preparation, Unclassified

PUR Purification or Recovery

SPN Synthetic Preparation

PROC Process

BCP Biochemical Process (2)

BPR Biological Process (1)

GPR Geological or Astronomical Process

PEP Physical, Engineering, or Chemical Process
 CPS Chemical Process (2)
 EPR Engineering Process (2)
 PYP Physical Process (2)
 REM Removal or Disposal

RACT Reactant or Reagent (2,3)

RCT Reactant (3)
 CRT Combinatorial Reactant (2)
 RGT Reagent (2)
 CRG Combinatorial Reagent (2)

USES Uses

AGR Agricultural Use
 ARG Analytical Reagent Use
 BUU Biological Use, Unclassified
 CAT Catalyst Use
 COS Cosmetic Use (2)
 CUS Combinatorial Use (2)
 DEV Device Component Use
 DGN Diagnostic Use (2)
 FFD Food or Feed Use
 MOA Modifier or Additive Use
 NUU Other Use, Unclassified (4)
 POF Polymer in Formulation
 TEM Technical or Engineered Material Use
 THU Therapeutic Use

Specific roles that are not upposted to any super roles:

MSC Miscellaneous
 PRP Properties

- (1) Used from CA Vol. 66 (1967) to Vol. 135 (2001)
- (2) Used starting with CA Vol. 136 (2002)
- (3) Searching the RCT (Reactant) role retrieves references from CA Vol. 66 (1967) to the present. Searching the RACT (Reactant or Reagent) super role retrieves references with the CRT, CRG, RGT, or RCT references starting with CA Vol. 136 (2002).
- (4) Starting with CA Vol. 136 (2002), the searchable text for the NUU role changed from NONBIOLOGICAL USE, UNCLASSIFIED/RL to OTHER USE, UNCLASSIFIED/RL. Search the code NUU/RL to retrieve records from CA Vol. 66 (1967) to the present.

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.38	427.23

FILE 'REGISTRY' ENTERED AT 13:49:50 ON 09 DEC 2002
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STRUCTURE FILE UPDATES: 8 DEC 2002 HIGHEST RN 475460-75-4
DICTIONARY FILE UPDATES: 8 DEC 2002 HIGHEST RN 475460-75-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

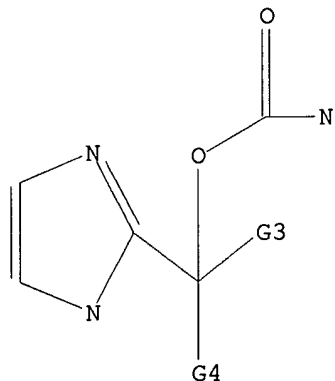
Uploading 09862808.str

L11 STRUCTURE UPLOADED

=> d

L11 HAS NO ANSWERS

L11 STR



G1

G2

G3 C, H, Cb

G4 C, H, Cy

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 13:38:07 ON 09 DEC 2002)

FILE 'REGISTRY' ENTERED AT 13:38:27 ON 09 DEC 2002

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 44062 S L1 FULL
L4 STRUCTURE UPLOADED
L5 50 S L4
L6 32783 S L4 FULL
L7 STRUCTURE UPLOADED

L8 15 S L7
L9 304 S L7 FULL

FILE 'CAPLUS' ENTERED AT 13:46:27 ON 09 DEC 2002
L10 233 S L9

FILE 'REGISTRY' ENTERED AT 13:49:50 ON 09 DEC 2002
L11 STRUCTURE UPLOADED

=> s l11 subset=19 full
FULL SUBSET SEARCH INITIATED 13:50:26 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 304 TO ITERATE

100.0% PROCESSED 304 ITERATIONS 300 ANSWERS
SEARCH TIME: 00.00.01

L12 300 SEA SUB=L9 SSS FUL L11

=> fil casreact		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	33.43	460.66

FILE 'CASREACT' ENTERED AT 13:50:35 ON 09 DEC 2002
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FILE CONTENT:1907 - 8 Dec 2002 VOL 137 ISS 23

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file and provided by InfoChem and some records are produced using some INPI data from the period prior to 1986.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l12
L13 9 L12

=> d ibib abs hitstr 1-9
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'CASREACT'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE, Single-step Reactions
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)

IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 ISTD ----- STD, indented with text labels
 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 MAX ----- Same as ALL
 PATS ----- PI, SO
 SCAN ----- TI and FCRD (random display, no answer number. SCAN
 must be entered on the same line as DISPLAY, e.g.,
 D SCAN.)
 SSRX ----- Single-Step Reactions (Map, Diagram, and Summary for
 all single-step reactions)
 STD ----- BIB, IPC, and NCL

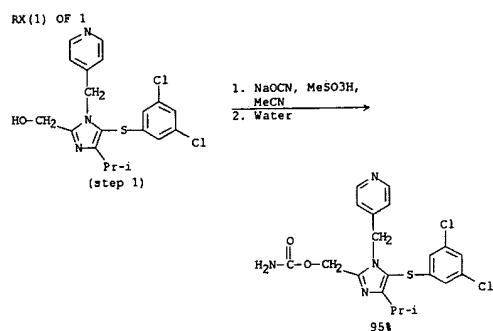
 CRD ----- Compact Display of All Hit Reactions
 CRDREF ----- Compact Reaction Display and SO, PY for Reference
 FHIT ----- Reaction Map, Diagram, and Summary for first
 hit reaction
 FHITCBIB --- FHIT, AN plus CBIB
 FCRD ----- First hit in Compact Reaction Display (CRD) format
 FCRDREF ----- First hit in Compact Reaction Display (CRD) format with
 CA reference information (SO, PY). (Default)
 FPATH ----- PATH, plus Reaction Summary for the "long path"
 FSPATH ----- SPATH, plus Reaction Summary for the "short path"
 HIT ----- Reaction Map, Reaction Diagram, and Reaction
 Summary for all hit reactions and fields containing
 hit terms
 OCC ----- All hit fields and the number of occurrences of the
 hit terms in each field. Includes total number of
 HIT, PATH, SPATH reactions. Labels reactions that have
 incomplete verifications.
 PATH ----- Reaction Map and Reaction Diagram for the "long
 path". Displays all hit reactions, except those
 whose steps are totally included within another hit
 reaction which is displayed
 RX ----- Hit Reactions (Map, Diagram, Summary for all hit reactions)
 RXG ----- Hit Reaction Graphics (Map and Diagram for all hit reactions)
 RXL ----- Hit Reaction Long (Map, Diagram, Summary for all hit reactions)
 RXS ----- Hit Reaction Summaries (Map and Summary for all hit reactions)
 SPATH ----- Reaction Map and Reaction Diagram for the "short
 path". Displays all single step reactions which
 contain a hit substance. Also displays those
 multistep reactions that have a hit substance in both
 the first and last steps of the reaction, except for
 those hit reactions whose steps are totally included
 within another hit reaction which is displayed

To display a particular field or fields, enter the display field
 codes. For a list of the display field codes, enter HELP DFIELDS
 at an arrow prompt (=>). Examples of combinations include: D TI;
 D BIB RX; D TI, AU, FCRD. The information is displayed in the same order
 as the specification. All of the formats, except CRD, CRDREF, FHIT, PATH,
 FPATH, SPATH, FSPATH, FCRD, FCRDREF, HIT, RX, RXG, RXS, SCAN, and OCC, may
 be used with the DISPLAY command to display the record for a specified

Accession Number.

ENTER DISPLAY FORMAT (FCRDREF):FCRDREF

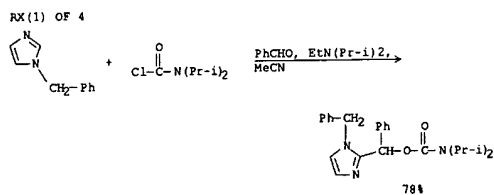
L13 ANSWER 1 OF 9 CASREACT COPYRIGHT 2002 ACS



REF: U.S. Pat. Appl. Publ., 2002103378, 01 Aug 2002

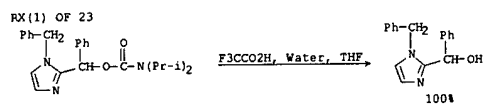
NOTE: optimization study

L13 ANSWER 2 OF 9 CASREACT COPYRIGHT 2002 ACS



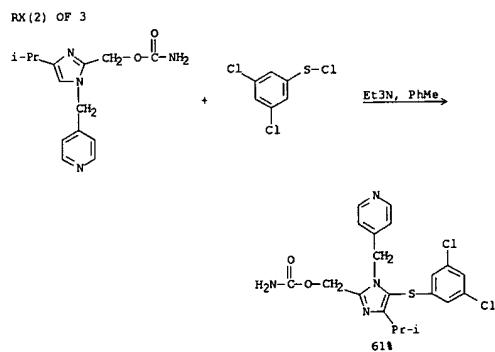
REF: PCT Int. Appl., 2001094318, 13 Dec 2001

L13 ANSWER 3 OF 9 CASREACT COPYRIGHT 2002 ACS



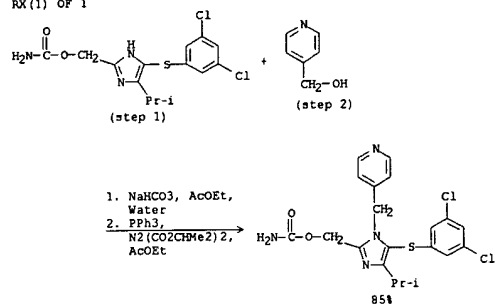
REF: Organic Letters, 3(2), 157-159; 2001

L13 ANSWER 4 OF 9 CASREACT COPYRIGHT 2002 ACS

REF: PCT Int. Appl., 9829395, 09 Jul 1998
NOTE: -30.degree. for 30 min

L13 ANSWER 5 OF 9 CASREACT COPYRIGHT 2002 ACS

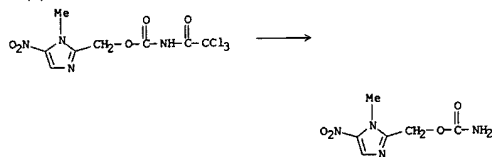
RX (1) OF 1



REF: PCT Int. Appl., 9829394, 09 Jul 1998
NOTE: 15.degree. for 1 h and 45 min.

L13 ANSWER 6 OF 9 CASREACT COPYRIGHT 2002 ACS

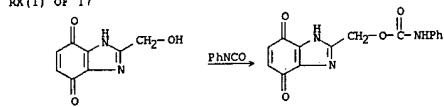
RX (1) OF 3



REF: Trudove na Nauchnoissledovatel'skiya Khimikofarmatsevtichen
Institut, 16,, 25-34, 1986

L13 ANSWER 7 OF 9 CASREACT COPYRIGHT 2002 ACS

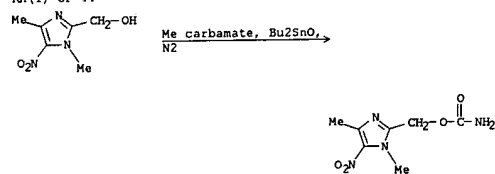
RX (1) OF 17



REF: Journal of Medicinal Chemistry, 31(1), 260-4, 1988

L13 ANSWER 8 OF 9 CASREACT COPYRIGHT 2002 ACS

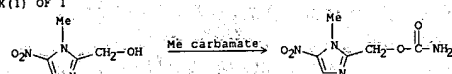
RX (1) OF 44



REF: Journal of Medicinal Chemistry, 30(1), 150-6, 1987

L13 ANSWER 9 OF 9 CASREACT COPYRIGHT 2002 ACS

RX(1) OF 1



REF: Rom., 84356, 30 Jul 1984

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
48.38	509.04

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:56:21 ON 09 DEC 2002
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TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.14	510.18

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 13:58:10 ON 09 DEC 2002